

Test Number: NPP\_LPEATE\_302\_v2.2.5.2\_check

Discipline: All

Test Title: Check of LPA PGE302 v2.2.5.2, based on OPS v2.2.5, but DNB Geo is Terrain Corrected.

Test Objective: This test will ensure that PGE302 v2.2.5.2 outputs match those produced by PGE302 v2.2.5 except for the NPP\_VDNE\_L1 and NPP\_DNFT\_L1, which will both now contain Terrain Corrected Geolocation instead of Ellipsoid Geolocation.

Test Time Interval: 2013102 00:00 – 23:59.

Machine/Archive Set: ops7, archive set 3105

Related Test(s): NA

Baseline DataSet: AS3001 on ops4

Input DataSet: NP5\_RVIRS\_L0 products as ingested from SD3E into ops4 AS1. As well as the following ancillary data files:  
NPP\_TLE  
NPP\_USNOPW

Actions: (special notes or processes)

- Establish a clone of the VIIRS RDRs that are received from IDPS in AS1 to test archive
- Start/End Profile for recipes is 2.
- Verify the PGE\_Profile\_Params\_Def has been updated with new entries on ops7 before running test. Entries should match lp1.

NOTE: Make sure DataHiddenFromProduction has been populated on ops7 prior to beginning test

Recipes/PGEs to be tested :

| <u>Recipe</u> | <u>Version</u> | <u>PGE</u>  | <u>Version</u>     | <u>Type</u> | <u>PGE Name</u>                 |
|---------------|----------------|-------------|--------------------|-------------|---------------------------------|
| 0mc           | 2.2.1          | 301         | P2.2.1             | OPS         | VIIRS L0 Verified RDR           |
| 1amcl         | 2.2.5          | 302a        | P2.2.5.2           | LPA         | VIIRS L1 Geo                    |
| 1bmcl         | 2.2.5          | 302b<br>394 | P2.2.5.2<br>C2.2.0 | LPA<br>OPS  | VIIRS L1 SDR<br>L1/L2 Subsetter |
| 1cmcl         | 2.2.5          | 302c        | P2.2.5.2           | LPA         | VIIRS L1 BP                     |
| 1dmcl         | 2.2.5          | 302d        | P2.2.5.2           | LPA         | VIIRS L1 SD                     |

Test output products to be archived to LAADS:

NPP\_GRCDNE\_L1  
NPP\_GRCIAE\_L1  
NPP\_GRCMAE\_L1  
NPP\_IMFT\_L1  
NPP\_MOFT\_L1  
NPP\_UDGTGIP\_L1  
NPP\_VBPXIP\_L2  
NPP\_VCDGIP\_L1  
NPP\_VDNE\_L1  
NPP\_VIAE\_L1  
NPP\_VIAE\_L1C  
NPP\_VIIRS\_L0  
NPP\_VMAE\_L1  
NPP\_VMAE\_L1C  
NPP\_VOBCIP\_L1

Data Set Volume: Approximately

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NPP Test Group Notes

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Changes to Test Plan:

Final Plan Approved by:  
Date:

Test Started:  
Test Completed:  
Verified in LAADS

Production Notes:

\*\*\*Additional Processing Notes:

Test Results:

Data Set Removal Information

Date:  
Approved by: